



Synchro Electronics

An ISO 9001:2015 Certified
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SPECIFICATION OF BLDC FAN CONTROLLER PCB

Make:	Synchro Electronics, India
Operating voltage range:	120V to 270V AC
Input frequency:	45Hz to 65Hz
Operating temperature:	0°C to 50°C
Storage temperature:	-10°C to 70°C
Method of communication from remote:	Infra Red or Radio Frequency
No. of speed selections:	7 (max, can be user defined)
No of timer selections:	5 (max)
Maximum input power:	35W
Oversvoltage protection:	Yes
Under voltage protection:	Yes
Overload protection (jamming detection):	Yes
Current monitoring each phase:	Yes
DC Bus voltage:	26V
Input connector:	2-way screw; (Live and Neutral)
Output connector:	3-way screw: (3-phase, R-Y-B)
Remote acknowledgement:	RF - audio beep, IR – LED blink
PCB material:	Double sided, PTH, Glass Epoxy, FR-4
Remote power:	Alkaline or Zinc-carbon, AAA – 2 Nos.
Remote body:	ABS plastic
Remote buttons:	Silicone Rubber